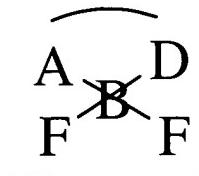


IN THE CLAIMS

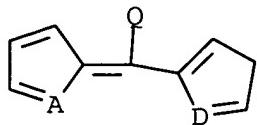
The following claim set replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) An organic light emitting diode device comprising a substrate bearing ~~an~~ a single organic layer sandwiched between electrode structures wherein the single organic layer comprises a hole transporter, an electron transporter and a light emitter wherein either or both of
~~the electron transporter or~~
~~the light emitter or~~
the electron transporter and the light emitter
~~comprise~~ comprises a material of general formula I

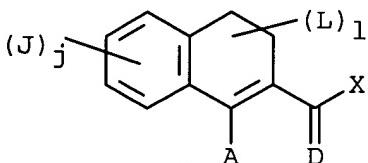


Formula I

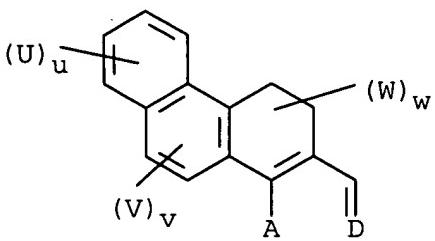
wherein ~~AD~~ A D is selected from the following:



wherein A and D are both N, and the ring systems are, independently of each other, optionally substituted with one or two or three groups independently selected from C₁ - C₈ straight chain or branched chain alkyl or alkoxy; Q is CN or H or C₁₋₈ straight chain or branched chain alkyl;



wherein A and D are O or N, X is C₁₋₅ straight chain or branched chain alkyl or alkoxy and the ring systems are, independently of each other, optionally substituted with one or more groups J and L independently selected from C₁ - C₈ straight chain or branched chain alkyl or alkoxy wherein j is selected from 0-4 and l is selected from 0-2;



wherein A and D are O or N and the ring systems are, independently of each other, optionally substituted with one or more groups U, V, W independently selected from C₁ - C₈ straight chain or branched chain alkyl or alkoxy wherein u is 0-4, v is 0-2 and w is 0-2;

wherein the organic layer is a single layer.

(Currently Amended)
2. (Original) A device according to claim 1 wherein at least one of the electrodes

MAY 01/24/2004
has an electrode modifying layer in conjunction with the single organic layer at the electrode/organic layer interface.

*SI
GJ*
3. (Original) A device according to claim 2 wherein there are electrode modifying layers at both electrode/organic layer interfaces.

MAY 01/24/2004
4. (Previously Amended) A device according to claim 2 wherein the electrode modifying layer closest to the substrate is the anode.

5. (Previously Amended) A device according to claim 4 wherein there is an electrode modifying layer adjacent to the anode comprising either PEDOT or polyaniline.

6. (Previously Amended) A device according to claim 2 wherein the electrode furthest from the substrate is the cathode.

7. (Previously Amended) A device according to claim 6 wherein there is an electrode modifying layer adjacent to the cathode comprising either MgF₂ or LiF.

8. (Original) A device according to claim 7 wherein the cathode is made from Al, Al alloy, Mg or MgAg.

9. (Previously Amended) A device according to claim 1 wherein the organic layer additionally includes a semi-conducting polymer.

10. (Currently Amended) A device according to claim 1 wherein the organic layer additionally includes ~~one or more charge transporting compounds~~ at least a further one of a hole transporter, an electron transporter or a light emitter.

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11. (^{Currently} ~~Previously~~ Amended) A device according to claim 1 wherein the organic layer further additionally includes a substantially non-conducting polymer and ~~charge transporting compounds~~ at least one of a further a hole transporter, an electron transporter or a light emitter.